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on April 15, 2010

PATENT

TOWNSEND and TOWNSEND and CREW LLP

By: Julie Taylor Clough

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SEE ATTACHED SCHEDULE

Application No.:

Filed:

For:

Customer No.: 20350

Confirmation No.:

Examiner:

Art Unit:

**TRANSMITTAL OF POWER OF
ATTORNEY AND CHANGE OF
CORRESPONDENCE ADDRESS
(PATENT) and STATEMENT
UNDER 37 CFR §3.73(b)**

Mail Stop Post Issuance
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

Submitted herewith is a Power of Attorney and Change of Correspondence
Address from the Assignee.

In compliance with 37 CFR §3.73(b), the undersigned hereby states that
SEIKO EPSON CORPORATION is the assignee of the entire right, title and interest in
the above patent assets by virtue of an assignment recorded at Reel 023538, Frame 0889
of the U.S. Patent and Trademark Office microfilm records.

The undersigned is authorized to act on behalf of the assignee.

In accordance with 37 CFR §1.36(a), submission of the attached Power of
Attorney revokes any powers of attorney previously given.

PATENT

Application No.: SEE ATTACHED
SCHEDULE
Page 2

ALL CORRESPONDENCE IN CONNECTION WITH THESE
APPLICATIONS SHOULD BE SENT TO TOWNSEND AND TOWNSEND AND CREW,
LLP, CUSTOMER NO. 20350, TELEPHONE 415-576-0200.

Respectfully submitted,

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I hereby certify that this correspondence is being filed via
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on April 5, 2010

PATENT

TOWNSEND and TOWNSEND and CREW LLP

By: Juliette K. Clough

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SEE ATTACHED SCHEDULE

Application No.:

Filed:

For:

Customer No.: 20350

Confirmation No.:

Examiner:

Art Unit:

**SPECIFIC POWER OF
ATTORNEY and CHANGE OF
CORRESPONDENCE ADDRESS
(PATENT)**

Mail Stop Post Issue
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

SEIKO EPSON CORPORATION, owner of the entire right, title and interest in the above patent assets by virtue of an assignment recorded at Reel 023538, Frame 0889 of the U.S. Patent and Trademark Office microfilm records, hereby appoints the practitioners associated with Townsend and Townsend and Crew, LLP, Customer No. 20350 as attorneys of record to act on behalf of SEIKO EPSON CORPORATION, and to transact all business in the U.S. Patent and Trademark Office for the listed patents.

The undersigned has reviewed the chain of title and confirms that the aforesaid title is in the owner. The undersigned is authorized to execute this document as, or on behalf of, the owner.

PATENT

Application No.: **SEE ATTACHED**
SCHEDULE

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ALL CORRESPONDENCE IN CONNECTION WITH THESE
APPLICATIONS SHOULD BE SENT TO TOWNSEND AND TOWNSEND AND
CREW, LLP, CUSTOMER NO. 20350, TELEPHONE 415-576-0200.

March 8, 2010

Date


Signature

Masataka Kamiyanagi

Typed Name

Managing Executive Officer

Title (if acting on behalf of Owner)

62476526 v1

**SCHEDULE OF
PATENTS AND PATENT APPLICATIONS**

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| Granted Patent | 7541746 | 11228373 | 9152005 | United States |
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| Granted Patent | 7554623 | 11060939 | 2182005 | United States |
| Granted Patent | 7559657 | 11343616 | 1302006 | United States |
| Granted Patent | 7559659 | 11609870 | 12132005 (Priority date) | United States |
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| Granted Patent | 7583325 | 11089757 | 3232005 | United States |
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